

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-14. (Cancelled)

15. (Previously Presented) A communication system comprising:
a plurality of common channels that include a primary common control physical channel;

a plurality of dedicated channels; and
a synchronization channel;

wherein the primary common control physical channel and the synchronization channel are transmitted time multiplexed; and wherein a transmit power of the dedicated channels is reduced during the transmission of the synchronization channel.

16. (Previously Presented) The communications system according to claim 15;
wherein the common channels and the dedicated channels are transmitted code multiplexed.

17. (Previously Presented) The communications system according to claim 15,
wherein the communications system is a Wide-Band-CDMA-System.

18. (Previously Presented) The communications system according to claim 15,
wherein the communications system is a Universal Mobile Telecommunications System.

19. (Previously Presented) The communications system according to claim 15,
wherein the reduction of the transmit power of the dedicated channels is such that the total transmit power of the used channels is substantially constant.

20. (Previously Presented) The communications system according to claim 15, wherein the reduction of the transmit power of the dedicated channels is such that the total transmit power of the used channels is substantially constant and not above an amplifier power limit.

21. (Previously Presented) The communications system according to claim 15, wherein the transmit power of the dedicated channels is reduced during the transmission of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit channel of the primary common control physical channel.

22. (Currently Amended) The communications system according to claim 15, wherein the transmit power of the dedicated channels is reduced at the beginning of the transmission of the synchronization channel, and the transmit power of the dedicated channels is increased at the end of the transmission of the synchronization channel.

23. (Currently Amended) The communications system according to claim 15, wherein the transmit power of the dedicated channels is reduced at the beginning of the transmission of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit power of the primary common control physical channel, and wherein the transmit power of dedicated channels is increased at the end of the transmission of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit power of the primary common control physical channel.

24. (Previously Presented) The communications system according to claim 15, wherein the reduction of the transmit power of the dedicated channels during the transmission of the synchronization channel is triggered by information received on synchronization channel timing.

25. (Previously Presented) The communications system according to claim 15, wherein the reduction of the transmit power of the dedicated channels is such that the total transmit power of the used channels is substantially constant and not above an amplifier power limit (1) just before the transmission of the synchronization channel, (2) just after the transmission of the synchronization channel and (3) during the transmission of the synchronization channel.

26. (Previously Presented) The communications system according to claim 15, wherein a sum transmit power of the dedicated channels during downlink is reduced during the transmission of the synchronization channel in order to keep the total output power at the base station power amplifier below a maximum power limit.

27. (Previously Presented) A method for transmitting data in a communications system, comprising:

transmitting a primary common control physical channel and a synchronization channel time multiplexed; and

reducing the transmit power of dedicated channels during the transmission of the synchronization channel.

28. (Currently Amended) A base station for transmitting data in a communications system, comprising:

a plurality of common channels that include a primary common control physical channel; **and**

a plurality of dedicated channels; and a synchronization channel,

wherein the base station system is arranged such that the primary common control physical channel and the synchronization channel are transmitted time multiplexed, and the transmit power of dedicated channels is reduced during the transmission of the synchronization channel.